Listing of Claims:

Claims 1-6 (Canceled).

7. (Previously Presented) A charged particle beam irradiating method using a charged particle beam irradiation apparatus including a beam transport device for transporting said charged particle beam, an irradiation field forming device for forming an irradiation field for said charged particle beam transported by said beam transport device, a rotating body provided with said beam transport device and said irradiation field forming device and being rotatable about an axis of rotation, said irradiation field forming device being eccentrically arranged to the axis of rotation such that an axis of irradiation thereof passes a position different from the axis of rotation, a bed for supporting an irradiation target being rotatably suspended from and supported by said irradiation field forming device and being arranged on an opposite side of said beam transport device with respect to a plane which contains the axis of rotation and being substantially perpendicular to the axis of irradiation, wherein said charged particle beam irradiating method comprising the steps of:

rotating said rotating body such that the axis of irradiation of said irradiation field forming device is matched with a setting irradiation direction of said charged particle beam to said irradiation target;

driving said bed to adjust inclination of said bed; and

irradiating said charged particle beam emitted from said irradiation field forming device to said irradiation target.

8. (Previously Presented) A charged particle beam irradiating method according to claim 7, further comprising the step of detecting inclination of said bed, the inclination of said bed being adjusted by driving said bed based on the detected inclination.

9. (Previously Presented) A charged particle beam irradiating method according to claim 7, further comprising the step of detecting inclination of said bed, the inclination of said bed being adjusted by rotating said bed based on the detected inclination.